

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121721\
 Data File : VN070163.D
 Acq On : 17 Dec 2021 14:53
 Operator : JC/MD
 Sample : VN1217WBSD02
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1217WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/18/2021
 Supervised By : Mahesh Dadoda 12/23/2021

Quant Time: Dec 18 05:45:19 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.086	168	945203	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1545553	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	1415419	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	587393	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	774465	53.07	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.14%			
35) Dibromofluoromethane	8.021	113	514675	53.16	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 106.32%			
50) Toluene-d8	10.443	98	1983493	51.03	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 102.06%			
62) 4-Bromofluorobenzene	12.731	95	724379	51.44	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 102.88%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.073	85	156151	14.16	ug/l	97
3) Chloromethane	2.303	50	199277	14.43	ug/l	94
4) Vinyl Chloride	2.445	62	184369	14.52	ug/l	98
5) Bromomethane	2.853	94	105544	15.30	ug/l	100
6) Chloroethane	3.017	64	117744	15.13	ug/l	96
7) Trichlorofluoromethane	3.373	101	244075	14.64	ug/l	99
8) Diethyl Ether	3.821	74	115165	17.94	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.197	101	159976	17.12	ug/l	94
10) Methyl Iodide	4.414	142	195025	15.28	ug/l	98
11) Tert butyl alcohol	5.388	59	237684	86.16	ug/l	99
12) 1,1-Dichloroethene	4.178	96	141864	15.76	ug/l	94
13) Acrolein	4.039	56	239703	102.04	ug/l	99
14) Allyl chloride	4.835	41	336781	16.60	ug/l #	89
15) Acrylonitrile	5.559	53	662813	89.17	ug/l	99
16) Acetone	4.291	43	713886	81.32	ug/l	97
17) Carbon Disulfide	4.524	76	306362	13.17	ug/l	98
18) Methyl Acetate	4.856	43	467174	17.63	ug/l #	69
19) Methyl tert-butyl Ether	5.618	73	636720	18.19	ug/l	97
20) Methylene Chloride	5.095	84	195416	16.74	ug/l	86
21) trans-1,2-Dichloroethene	5.597	96	152311	15.58	ug/l	84
22) Diisopropyl ether	6.501	45	745948	18.81	ug/l #	93
23) Vinyl Acetate	6.436	43	2930332	90.83	ug/l	94
24) 1,1-Dichloroethane	6.388	63	359134	17.48	ug/l	97
25) 2-Butanone	7.340	43	1036197	86.87	ug/l	91
26) 2,2-Dichloropropane	7.324	77	269811	16.89	ug/l	95
27) cis-1,2-Dichloroethene	7.324	96	198771	16.82	ug/l	84
28) Bromochloromethane	7.659	49	193564	18.12	ug/l #	76
29) Tetrahydrofuran	7.691	42	652235	90.05	ug/l	87
30) Chloroform	7.817	83	365047	17.60	ug/l	97
31) Cyclohexane	8.094	56	330947	16.30	ug/l	87
32) 1,1,1-Trichloroethane	8.013	97	287870	16.29	ug/l	96
36) 1,1-Dichloropropene	8.222	75	240572	16.35	ug/l	96
37) Ethyl Acetate	7.415	43	382380	17.46	ug/l	95
38) Carbon Tetrachloride	8.204	117	228393	15.83	ug/l	99
39) Methylcyclohexane	9.459	83	280375	16.02	ug/l	90
40) Benzene	8.458	78	772989	17.19	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	202623	19.71	ug/l #	86
42) 1,2-Dichloroethane	8.531	62	319387	17.59	ug/l	97
43) Isopropyl Acetate	8.563	43	595380	18.37	ug/l #	93
44) Trichloroethene	9.217	130	177518	16.54	ug/l	94
45) 1,2-Dichloropropane	9.491	63	214224	17.74	ug/l	99
46) Dibromomethane	9.577	93	138270	17.46	ug/l	93
47) Bromodichloromethane	9.762	83	265020	17.67	ug/l	99
48) Methyl methacrylate	9.561	41	271088	17.93	ug/l	85
49) 1,4-Dioxane	9.571	88	100585	370.67	ug/l #	84
51) 4-Methyl-2-Pentanone	10.333	43	2013597	95.78	ug/l	95
52) Toluene	10.507	92	472524	17.21	ug/l	97
53) t-1,3-Dichloropropene	10.719	75	279767	17.44	ug/l	96
54) cis-1,3-Dichloropropene	10.191	75	301533	17.29	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	197026	17.79	ug/l	98
56) Ethyl methacrylate	10.762	69	336088	17.62	ug/l #	89
57) 1,3-Dichloropropane	11.046	76	354050	18.15	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.043	63	712714	135.36	ug/l	90
59) 2-Hexanone	11.087	43	1474216	92.70	ug/l	93
60) Dibromochloromethane	11.237	129	179432	16.77	ug/l	99
61) 1,2-Dibromoethane	11.347	107	195780	17.06	ug/l	100
64) Tetrachloroethene	10.979	164	162911	16.97	ug/l	91
65) Chlorobenzene	11.771	112	498053	17.34	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.843	131	177145	17.53	ug/l	99
67) Ethyl Benzene	11.846	91	915250	17.55	ug/l	96
68) m/p-Xylenes	11.956	106	664588	34.99	ug/l	91
69) o-Xylene	12.280	106	333564	17.44	ug/l	90
70) Styrene	12.296	104	538102	17.74	ug/l	95
71) Bromoform	12.460	173	127620	16.69	ug/l #	99
73) Isopropylbenzene	12.581	105	874392	16.73	ug/l	97
74) N-amyl acetate	12.390	43	403952	17.48	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	323855	17.92	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	298496m	17.72	ug/l	
77) Bromobenzene	12.862	156	204330	16.65	ug/l	76
78) n-propylbenzene	12.921	91	989273	17.01	ug/l	95
79) 2-Chlorotoluene	13.007	91	622550	16.94	ug/l	92
80) 1,3,5-Trimethylbenzene	13.061	105	715993	17.02	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.626	75	75313	17.51	ug/l	86
82) 4-Chlorotoluene	13.106	91	593289	17.17	ug/l	93
83) tert-Butylbenzene	13.326	119	618593	16.61	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	697558	17.41	ug/l	97
85) sec-Butylbenzene	13.503	105	864287	17.11	ug/l	96
86) p-Isopropyltoluene	13.618	119	679068	17.20	ug/l	95
87) 1,3-Dichlorobenzene	13.616	146	349695	17.34	ug/l	97
88) 1,4-Dichlorobenzene	13.696	146	336430	16.98	ug/l	96
89) n-Butylbenzene	13.943	91	542592	16.94	ug/l	97
90) Hexachloroethane	14.211	117	104415	15.06	ug/l	88
91) 1,2-Dichlorobenzene	13.989	146	346039	17.61	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56497	17.30	ug/l	76
93) 1,2,4-Trichlorobenzene	15.265	180	166528	19.16	ug/l	96
94) Hexachlorobutadiene	15.370	225	95358	18.31	ug/l	100
95) Naphthalene	15.507	128	502390	20.09	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	164913	19.14	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

